

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner #: _____ Date: _____
Art Unit: _____ Phone Number 30 _____ Serial Number: _____
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If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc. if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

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	Type of Search	Vendors and cost where applicable
Searcher: <u>D. Schreiber</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: <u>272-2526</u>	AA Sequence (#) <u>1</u>	Dialog _____
Searcher Location: <u>Rem. sen E01A61</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr. Link _____
Date Completed: <u>10/1</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>10</u>	Fulltext _____	Sequence Systems <u>CompuGen</u>
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>5</u>	Other _____	Other (specify) _____


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RESULT 2
US-08-628-198-7
; Sequence 7, Application US/08628198
; Patent No. 5843694
; GENERAL INFORMATION:
; APPLICANT: Band, Vmla
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; TITLE OF INVENTION: MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/628,198
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/467,155
; FILING DATE: 06-JUN-1995
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-628-198-7

Query Match 38.2%; Score 84; DB 2; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.00045;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLTFVAAVAAPFDDDDKLVHG 27
; : ||||| ||||| ||||| :
Db 1 MSALLILALVGA AVFPVDDDKIVGG 27
; : ||||| ||||| ||||| :

RESULT 3
US-09-201-038-7
; Sequence 7, Application US/09201038
; Patent No. 6153387
; GENERAL INFORMATION:
; APPLICANT: Band, Vmla
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; TITLE OF INVENTION: MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/07343
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/467,155
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-201-038-7

Query Match 38.2%; Score 84; DB 2; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.00045;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLTFVAAVAAPFDDDDKLVHG 27
; : ||||| ||||| ||||| :
Db 1 MSALLILALVGA AVFPVDDDKIVGG 27
; : ||||| ||||| ||||| :

RESULT 4
PCT-US96-07343-7
; Sequence 7, Application PC/TUS9607343
; GENERAL INFORMATION:
; APPLICANT: New England Medical Center Hospitals, Inc.
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; TITLE OF INVENTION: MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/07343
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/467,155
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/201,038
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/628,198
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-201-038-7

Query Match 38.2%; Score 84; DB 3; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.00045;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILLTFVAAVAAPFDDDDKLVHG 27
; : ||||| ||||| ||||| :
Db 1 MSALLILALVGA AVFPVDDDKIVGG 27
; : ||||| ||||| ||||| :

RESULT 4
PCT-US96-07343-7
; Sequence 7, Application PC/TUS9607343
; GENERAL INFORMATION:
; APPLICANT: New England Medical Center Hospitals, Inc.
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; TITLE OF INVENTION: MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US96/07343
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/467,155
; FILING DATE: 06-JUN-1995
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US96-07343-7

Query Match          38.2%; Score 84; DB 5; Length 281;
Best Local Similarity 66.7%; Pred. No. 0.00045;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLLILTFVAAVAAPFDDDDKLVHG 27
   | | | | | | | | | | | | | | | |
Db 1 MSALLILALVGAAPFVDDDDKIVGG 27

RESULT 5
US-08-978-404B-44
; Sequence 44, Application US/08978404B
; Patent No. 5968782
; GENERAL INFORMATION:
; APPLICANT: Stevens, Richard L.
; TITLE OF INVENTION: MAST CELL PROTEASE THAT CLEAVES
; TITLE OF INVENTION: FIBRINOGEN
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wolf, Greenfield & Sacks, P.C.
; STREET: 600 Atlantic Avenue
; CITY: Boston
; STATE: MA
; COUNTRY: U.S.A.
; ZIP: 02210-2211
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/978,404B
; FILING DATE: 25-NOV-97
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/032,354
; FILING DATE: 04-DEC-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Plumer, Elizabeth R.
; REGISTRATION NUMBER: 36,637
; REFERENCE/DOCKET NUMBER: B0801/7090
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-720-3500
; TELEFAX: 617-720-2441
; TELEX:
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 246 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: No. 5968782
US-08-978-404B-44

Query Match          36.8%; Score 81; DB 2; Length 246;
Best Local Similarity 63.0%; Pred. No. 0.001;
Matches 17; Conservative 3; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLLILTFVAAVAAPFDDDDKLVHG 27
   | | | | | | | | | | | | | | | |
Db 1 MSALLILALVGAAPFDDDDKIVGG 27

RESULT 6
US-09-674-677-34
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; Sequence 34, Application US/09674677
; Patent No. 6562622
; GENERAL INFORMATION:
; APPLICANT: Coia, et al.
; TITLE OF INVENTION: CONTINUOUS IN-VITRO EVOLUTION
; FILE REFERENCE: 674537-2003
; CURRENT APPLICATION NUMBER: US/09/674,677
; CURRENT FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: PCT/AU99/00341
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: AU PP3445
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 34
; LENGTH: 20
; TYPE: PRT
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: linker
US-09-674-677-34

Query Match          35.9%; Score 79; DB 4; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.4e-05;
Matches 12; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 26 HGKLLHHHHHDDDDK 40
   | | | | | | | | | |
Db 6 HHHHHHHHHHDDDDK 20

RESULT 7
US-08-965-762-20
; Sequence 20, Application US/08965762
; Patent No. 6280963
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 07334/062001
; CURRENT APPLICATION NUMBER: US/08/965,762
; CURRENT FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-08-965-762-20

Query Match          34.3%; Score 75.5; DB 3; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY 6 ILTFVAAVAAPFDDDDKLVHGKLLHHHHH---DDDDK 40
   | | | | | | | | | | | | | | | |
Db 38 VLADANSSIDAPFNKRRKKKPKHHHHHHSRKEGNDK 75

RESULT 8
US-09-911-927-20
; Sequence 20, Application US/09911927
; Patent No. 6461826
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 06286-062003
; CURRENT APPLICATION NUMBER: US/09/911,927
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 08/965,762
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
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; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-911-927-20

Query Match      34.3%; Score 75.5; DB 4; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY      6 ILTFVAAVAAPFDDDDKLVHGKLVHHHHH---DDDDK 40
Db      38 VLADANSSIDAPFNIRKKKHPKHHHHHSRKEGNDK 75

RESULT 9
US-09-911-882-20
; Sequence 20, Application US/09911882
; Patent No. 6465198
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 06286-062004
; CURRENT APPLICATION NUMBER: US/09/911,882
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 08/965,762
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-911-882-20

Query Match      34.3%; Score 75.5; DB 4; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY      6 ILTFVAAVAAPFDDDDKLVHGKLVHHHHH---DDDDK 40
Db      38 VLADANSSIDAPFNIRKKKHPKHHHHHSRKEGNDK 75

RESULT 10
US-09-911-888-20
; Sequence 20, Application US/09911888
; Patent No. 6514715
; GENERAL INFORMATION:
; APPLICANT: Koltin, Yigal
; APPLICANT: Gavrias, Victoria
; TITLE OF INVENTION: ESSENTIAL FUNGAL GENES AND THEIR USE
; FILE REFERENCE: 06286-062002
; CURRENT APPLICATION NUMBER: US/09/911,888
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: US 08/965,762
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 20
; LENGTH: 401
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-911-888-20

Query Match      34.3%; Score 75.5; DB 4; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY      6 ILTFVAAVAAPFDDDDKLVHGKLVHHHHH---DDDDK 40
Db      38 VLADANSSIDAPFNIRKKKHPKHHHHHSRKEGNDK 75

RESULT 11
US-09-386-642-54
; Sequence 54, Application US/09386642
; Patent No. 6420157
; GENERAL INFORMATION:
; APPLICANT: Darrow, Andrew
; APPLICANT: Oi, Jensen
; APPLICANT: Andrade-Gordon, Patricia
; TITLE OF INVENTION: Zymogen Activation System
; FILE REFERENCE: ORT-1028
; CURRENT APPLICATION NUMBER: US/09/386,642
; CURRENT FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 54
; LENGTH: 284
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Human MH2
; OTHER INFORMATION: protease in PFEK zymogen vector
US-09-386-642-54

Query Match      33.6%; Score 74; DB 4; Length 284;
Best Local Similarity 52.8%; Pred. No. 0.012;
Matches 19; Conservative 2; Mismatches 5; Indels 10; Gaps 1;

QY      2 NLLLLTLTFV-----AAAVAAPFDDDDKLVHG 27
Db      20 NLLLCQGVSDYKDDDDVDAAALAAPFDDDDKIVGG 55

RESULT 12
US-09-386-642-13
; Sequence 13, Application US/09386642
; Patent No. 6420157
; GENERAL INFORMATION:
; APPLICANT: Darrow, Andrew
; APPLICANT: Oi, Jensen
; APPLICANT: Andrade-Gordon, Patricia
; TITLE OF INVENTION: Zymogen Activation System
; FILE REFERENCE: ORT-1028
; CURRENT APPLICATION NUMBER: US/09/386,642
; CURRENT FILING DATE: 1999-08-31
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 13
; LENGTH: 288
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion gene
; OTHER INFORMATION: with homo sapien serine protease catalytic domain
US-09-386-642-13

Query Match      33.8%; Score 74; DB 4; Length 288;
Best Local Similarity 52.8%; Pred. No. 0.012;
Matches 19; Conservative 2; Mismatches 5; Indels 10; Gaps 1;

QY      2 NLLLLTLTFV-----AAAVAAPFDDDDKLVHG 27
Db      20 NLLLCQGVSDYKDDDDVDAAALAAPFDDDDKIVGG 55

RESULT 13
US-09-386-642-14
; Sequence 14, Application US/09386642
; Patent No. 6420157
; GENERAL INFORMATION:
; APPLICANT: Darrow, Andrew
US-09-386-642-14

Query Match      34.3%; Score 75.5; DB 4; Length 401;
Best Local Similarity 39.5%; Pred. No. 0.011;
Matches 15; Conservative 7; Mismatches 13; Indels 3; Gaps 1;

QY      6 ILTFVAAVAAPFDDDDKLVHGKLVHHHHH---DDDDK 40
Db      38 VLADANSSIDAPFNIRKKKHPKHHHHHSRKEGNDK 75
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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 316
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Amino acid
; OTHER INFORMATION: sequence of EOS zymogen fusion gene
US-09-387-375-9

Query Match          33.6%; Score 74; DB 4; Length 316;
Best Local Similarity 52.8%; Pred. No. 0.013;
Matches 19; Conservative 2; Mismatches 5; Indels 10; Gaps 1;

Qy      2  NLLLIITFV-----AAAVAAPFDDDDKLVHG 27
          ||||| |
Db      20  NLLLCGVVSDYKDDDDVDAAALAAPFDDDDKIVGG 55
          ||||| |

Search completed: October 1, 2004, 07:21:45
Job time : 32 secs

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Result No.	Score	Query #			ID	Description
		Match	Length	DB		
1	122	55.5	247	9	US-09-923-779-154	Sequence 154, App
2	112	50.9	239	12	US-10-236-417-341	Sequence 341, App
3	112	50.9	247	12	US-10-236-417-146	Sequence 146, App
4	112	50.9	247	12	US-10-236-417-150	Sequence 150, App
5	90.5	41.1	133	11	US-09-927-876-107	Sequence 107, App
6	90.5	41.1	133	11	US-10-457-047-107	Sequence 107, App
7	90.5	41.1	133	15	US-10-360-149-107	Sequence 107, App
8	84	38.2	246	10	US-08-842-758-55	Sequence 55, Appl
9	84	38.2	246	12	US-08-174-333-55	Sequence 55, Appl
10	84	38.2	281	13	US-10-021-368-7	Sequence 7, Appl
11	79	35.9	20	14	US-10-408-930-32	Sequence 32, Appl
12	78	35.5	252	16	US-10-423-156-7	Sequence 7, Appl
13	78	35.5	252	16	US-10-423-156-8	Sequence 8, Appl
14	76	34.5	19	14	US-10-342-103-17	Sequence 17, Appl
15	76	34.5	27	14	US-10-342-103-4	Sequence 4, Appl

Query Match 55.5%; Score 122; DB 9; Length 247;
Best Local Similarity 92.6%; Pred. No. 1.5e-07;
Matches 25; Conservative 1; Mismatches 1; Indels

RESULT 2
US-10-2336-417-341
; Sequence 341, Application US/10236417
; Publication No. US20040049256A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS A
; FILE REFERENCE: 214403-442C


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; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/09/927,876
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
; US-09-927-876-107

Query Match          41.1%   Score 90.5; DB 11; Length 133;
Best Local Similarity 51.2%   Pred. No. 0.00079;
Matches 21; Conservative 1; Mismatches 4; Indels 15; Gaps 2;

Qy 1 MNLLILITFVAATAAAPPDDDDKLVHGKLVHHHHH-DDDDK 40
   : ||||| |||||
Db 1 MSALLILALVGAAVA-----HHHHHGGDDDK 27

RESULT 6
US-10-457-047-107
; Sequence 107, Application US/10457047
; Publication No. US20040072214A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabil
; APPLICANT: Campbell, Robert K
; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: Novel Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/457,047
; CURRENT FILING DATE: 2003-06-05
; PRIOR APPLICATION NUMBER: US/10/360,149
; PRIOR FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
; US-10-457-047-107

Query Match          41.1%   Score 90.5; DB 12; Length 133;
Best Local Similarity 51.2%   Pred. No. 0.00079;
Matches 21; Conservative 1; Mismatches 4; Indels 15; Gaps 2;

Qy 1 MNLLILITFVAATAAAPPDDDDKLVHGKLVHHHHH-DDDDK 40
   : ||||| |||||
Db 1 MSALLILALVGAAVA-----HHHHHGGDDDK 27

RESULT 7
US-10-360-149-107
; Sequence 107, Application US/10360149
; Publication No. US20030219786A1
; GENERAL INFORMATION:
; APPLICANT: El Tayar, Nabil
; APPLICANT: Campbell, Robert K

```

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; APPLICANT: Kelton, Christie A
; APPLICANT: He, Chaomei
; TITLE OF INVENTION: No. US20030219786A1el Glycoproteins and Methods of Use Thereof
; FILE REFERENCE: 20993-003
; CURRENT APPLICATION NUMBER: US/10/360,149
; CURRENT FILING DATE: 2003-02-06
; PRIOR APPLICATION NUMBER: US/09/927,876
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/225,035
; PRIOR FILING DATE: 2000-08-11
; PRIOR APPLICATION NUMBER: 60/202,724
; PRIOR FILING DATE: 2000-05-08
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 107
; LENGTH: 133
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Fusion Protein
; US-10-360-149-107

Query Match          41.1%   Score 90.5; DB 15; Length 133;
Best Local Similarity 51.2%   Pred. No. 0.00079;
Matches 21; Conservative 1; Mismatches 4; Indels 15; Gaps 2;

Qy 1 MNLLILITFVAATAAAPPDDDDKLVHGKLVHHHHH-DDDDK 40
   : ||||| |||||
Db 1 MSALLILALVGAAVA-----HHHHHGGDDDK 27

RESULT 8
US-09-842-758-55
; Sequence 55, Application US/09842758
; Publication No. US20030083244A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A. M.
; APPLICANT: Fernandes, Elma R
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard A
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Majumder, Rumud
; APPLICANT: Tchernev, Velizar T
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine E
; APPLICANT: Gangolli, Bsha A
; APPLICANT: Smithson, Glenda
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R
; APPLICANT: Taupier, Raymond J
; APPLICANT: Grosse, William M
; APPLICANT: Edward, Szekeres S
; APPLICANT: Alsbrook II, John P
; TITLE OF INVENTION: No. US20030083244A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-783
; CURRENT APPLICATION NUMBER: US/09/842,758
; CURRENT FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: 60/200,158
; PRIOR FILING DATE: 2000-04-26
; PRIOR APPLICATION NUMBER: 60/200,613
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/200,780
; PRIOR FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/201,006
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,007
; PRIOR FILING DATE: 2000-05-01
; PRIOR APPLICATION NUMBER: 60/201,236
; PRIOR FILING DATE: 2000-05-01

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;; PRIOR APPLICATION NUMBER: 60/201,238
;; PRIOR FILING DATE: 2000-05-01
;; PRIOR APPLICATION NUMBER: 60/201,186
;; PRIOR FILING DATE: 2000-05-02
;; PRIOR APPLICATION NUMBER: 60/201,474
;; PRIOR FILING DATE: 2000-05-03
;; PRIOR APPLICATION NUMBER: 60/201,508
;; PRIOR FILING DATE: 2000-05-03
;; PRIOR APPLICATION NUMBER: 60/220,591
;; PRIOR FILING DATE: 2000-07-25
;; PRIOR APPLICATION NUMBER: 60/232,678
;; PRIOR FILING DATE: 2000-09-15
;; PRIOR APPLICATION NUMBER: 60/263,217
;; PRIOR FILING DATE: 2001-01-22
;; PRIOR APPLICATION NUMBER: 60/265,160
;; PRIOR FILING DATE: 2001-01-30
;; NUMBER OF SEQ ID NOS: 113
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 55
;; LENGTH: 246
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-09-842-758-55

Query Match 38.2%; Score 84; DB 10; Length 246;
Best Local Similarity 66.7%; Pred.No. 0.011;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILITFVAANAAPFDDDDKLVHG 27
|: |||| | |||| | |||| | |||| |
Db 1 MSALLILALVGAAPFVDDDDKIVGG 27

RESULT 9
US-10-174-333-55
; Sequence 55, Application US/10174333
; Publication No. US20040029220A1
; GENERAL INFORMATION:
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Majumder, Kumud
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Smithson, Glennda
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R.
; APPLICANT: Taupier, Raymond J.
; APPLICANT: Grosse, William M.
; APPLICANT: Szekeres, Edward S.
; APPLICANT: Alsobrook, John P.
; APPLICANT: Anderson, David W.
; APPLICANT: Guo, Xiaojia (Sasha)
; APPLICANT: Li, Li
; APPLICANT: Zhong, Mei
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-783 CIP1
; CURRENT APPLICATION NUMBER: US/10/174,333
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: 60/193,664
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: 60/194,614
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 60/195,063
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,066

;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,067
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,068
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,069
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,070
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/195,510
;; PRIOR FILING DATE: 2000-04-06
;; PRIOR APPLICATION NUMBER: 60/219,855
;; PRIOR FILING DATE: 2000-07-21
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 186
;; SOFTWARE: CuraSeqlist version 0.1
;; SEQ ID NO 55
;; LENGTH: 246
;; TYPE: PRT
;; ORGANISM: Mus musculus
US-10-174-333-55

Query Match 38.2%; Score 84; DB 12; Length 246;
Best Local Similarity 66.7%; Pred.No. 0.011;
Matches 18; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 MNLILITFVAANAAPFDDDDKLVHG 27
|: |||| | |||| | |||| | |||| |
Db 1 MSALLILALVGAAPFVDDDDKIVGG 27

RESULT 10
US-10-021-368-7
; Sequence 7, Application US/10021368
; Publication No. US20020106367A1
; GENERAL INFORMATION:
; APPLICANT: Band, Vimla
; TITLE OF INVENTION: NES-1 POLYPEPTIDES, DNA, AND RELATED
; MOLECULES AND METHODS
; NUMBER OF SEQUENCES: 11
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION NUMBER: US/10/021,368
; FILING DATE: 12-Dec-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/201,038
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Clark, Paul T.
; REGISTRATION NUMBER: 30,162
; REFERENCE/DOCKET NUMBER: 00398/100002
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617/542-5070
; TELEFAX: 617/542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 281 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear

RESULT 15

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US-10-342-103-4
; Sequence 4, Application US/10342103
; Publication No. US20030148359A1
; GENERAL INFORMATION:
; APPLICANT: Moczydlowski et al.
; TITLE OF INVENTION: SAXITOXIN DETECTION AND ASSAY METHOD
; FILE REFERENCE: YU-P01-009
; CURRENT APPLICATION NUMBER: US/10/342,103
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 60/346086
; PRIOR FILING DATE: 2002-01-11
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 27
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: peptide sequence encoded by complement to anti-sense primer
US-10-342-103-4

Query Match      34.5%; Score 76; DB 14; Length 27;
Best Local Similarity 76.5%; Pred.No. 0.0094;
Matches 13; Conservative 1; Mismatches 1; Indels 2; Gaps 1;

QY 19 DDDDKLVHGKLVHHHHH 35
Db 13 DDDDKLVGG--HHHHHH 27

Search completed: October 1, 2004, 07:34:46
Job time : 775 secs
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